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041404

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Commissioner For Patents
Mail Stop: NEW PATENT APPLICATION
P.O. Box 1450
Alexandria, VA 22313-1450

NEW APPLICATION TRANSMITTAL FORM

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Gang Xiao and Xiaoyong Liu

For (title): Reduction of Noise, and Optimization of Magnetic Field Sensitivity and Electrical Properties in Magnetic Tunnel Junction Devices

Enclosed are the following:

- Application Cover Page
- 27 pages of Specification that consists of, 21 pages of Description, 5 pages of Claims and 1 page of Abstract;
- 13 sheets of drawings;
- Inventor(s) Declaration; (copy)
- Preliminary Amendment: 7 text pages and 14 sheets of formal drawings;
- Priority is hereby claimed from:
US Patent Application Number 10/105,831 filed on March 25, 2002;
Patent Application Number filed on ;
Patent Application Number filed on ;
- Certified Copy of priority document(s);
- English language translation of priority document;
- Application Data Sheet;
- Information Disclosure Statement and/or Form PTO 1449 and cited non-U.S. art (if applicable);
- Assignment and Recordation Form Cover Sheet;
- Return Receipt Postcard;
- Other:

Assignment Data

An assignment of the invention to
 is attached.
 will follow.

Small Entity Status

Applicant claims small entity status.

Fees

Design Patent Application \$ 340.00

Utility Patent Application
Number
Filed Number
Extra Rate
\$ 385.00

Total
Claims 22 -20 = 2 x \$ 9.00 \$ 18.00

Independent
Claims 3 - 3 = 0 x \$ 43.00 \$

Assignment Recordal 0 x \$ 40.00 \$

TOTAL FEES \$ 403.00

A check in the amount of \$ 403.00 in payment of the filing fee is enclosed.
 Charge \$ to Deposit Account No. **50-1924**.
 The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. 1.16 and 1.17 which may be required for this communication or during the entire pendency of this patent application, or credit any overpayment, to Deposit Account No.**50-1924**.

Correspondence

Address all future communications to: **Customer No.: 29,683**

Direct telephone calls to Gerald J. Stanton

Direct facsimiles to (203) 944-0245

April 14, 2004
Date



Gerald J. Stanton (Reg. No.: 46,008)

Customer No.: 29,683

Harrington & Smith, LLP
4 Research Drive
Shelton, CT 06484-6212
(203) 925-9400